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SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE
WASHINGTON, D.C. MARCH 1965 NO. 154

U. S. DEPT. OF AGRICULTURE
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MARKET REVIEW

Domestic raw sugar spot prices averaged 6.75 cents per pound for the period January 1 through March 24, 1965. During this period prices ranged from 6.85 cents at the beginning of the year to the 6.55 cents per pound that prevailed from March 17 through March 24.

Lower raw sugar prices have resulted in reductions in quoted refined sugar prices in most sales territories. Effective March 10, Gulf refiners reduced prices 0.30 cent to 9.25 cents per pound. On March 12, the quoted price for beet and cane refined sugar in the lower Pacific Coast territory was reduced 0.70 cent per pound, to 8.75 cents. Previously the quotation had been 9.45 cents with an allowance of 0.25 cent being made so that the actual decline was 0.45 cent. Sellers in the lower Pacific Coast territory have announced that they intend to increase their price by 0.30 cent effective March 29 to 9.05 cents per pound.

Refined cane sugar prices in the Northeast were reduced 0.20 cent to 10.05 cents per pound effective March 15 and on March 17, the price in the Southeast was lowered 0.25 cent to 9.35 cents per pound.

As of March 24, no price changes had been announced for the Chicago-West or Northwest territories and the prices quoted for all territories as of that date were as follows:

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100 lb. paper bags</u>	
Northeast	10.05	
New York Metropolitan area	9.95	
Southeast	9.35	
Gulf	9.25	
Eastern beet		9.15
Chicago-West	9.35	9.15
Direct shipment territory	9.25	9.05
Lower Pacific Coast	8.75	8.75
Northwest Intermountain	9.15	9.15

Deliveries for U. S. consumption during 1965 as reported through March 20, totaled 1,840,000 tons or 185,000 tons more than reported for the same period in 1964.

Physical deliveries, including constructive deliveries, for this period in 1964, however, were slightly above 1965 physical deliveries reflecting the large constructive deliveries made at year-end 1963.

During early January 1965, users apparently built up their invisible inventories by about 100,000 tons but since then have been reducing their inventories. If deliveries during the balance of March continue at the current rate, invisible inventories would be at about the level of year-end 1964.

Refiners' deliveries through March 20 totaled 1,209,000 tons and at the current weekly rate they will have deliveries of about 1,385,000 tons during the first quarter of 1965. Based on anticipated supplies for refiners during January-March, refiners' quota stocks at the end of March may be 50,000 tons lower than at the beginning of the year when they totaled 682,000 tons. However, total refiner stocks, including over-quota sugar, will be above the five-year (1959-63) average of 632,000 tons. During that period total stocks included about 50,000 tons of over-quota sugar.

The Department's Crop Production report of March 19, 1965 showed farmers' intentions to plant 1,384,000 acres to sugarbeets for the 1965 crop. State allocations totaled 1,375,000 acres under the 1965 crop proportionate share determination and actual plantings will be somewhat less than the Crop Report of intentions to plant.

Puerto Rican production through March 14, 1965 was 371,000 tons as compared to 437,000 for the same period last year when production began earlier than usual but was at about the same level as during 1963.

Hawaiian production through March 13, 1965 totaled 145,000 tons or 30,000 tons below production to the same date in 1964. One mill had not begun to grind as of March 13, 1965 but expected to start early in April, weather permitting.

LIQUID SUGAR DELIVERIES, 1960-1964

Table I shows that the volume of deliveries of liquid sugar continued to increase for the United States as a total and in all regions except New England where there has been a reduction during the last two years.

Liquid sugar as a percentage of all sugar deliveries in the United States has increased from 16.4 percent in 1960 to 20.4 percent in 1964, or about a one percent increase per year. The percentage change was greatest in the South with little change in the West and New England. Sugar Reports Nos. 100 and 109 contain comparable statistics for previous years.

Table II shows the volume of liquid sugar delivered by regions for each type of product or business of buyer as well as the percentage that liquid sugar was of the total deliveries of sugar. This is the only year for which such a breakdown is available.

The largest users of liquid sugar are in the beverage industry with about 45 percent of all liquid sugar delivered to such users. For the United States as a whole, about 58 percent of all sugar delivered to producers of beverages was liquid sugar, but this percentage varied from 86 percent in the Middle Atlantic states to 44 percent in the South.

Other large users of liquid sugar are canners and the ice cream industry. In the West, 58 percent of all sugar deliveries to the canning trade were in the form of liquid sugar as compared to 15 percent in the South, and the U. S. average of 41 percent.

Deliveries of liquid sugar to producers of ice cream and dairy products averaged about 60 percent for the U. S., the highest percentage for any type user, and ranged from 87 percent in New England to about 50 percent in the North Central states.

Table 1. - Liquid sugar deliveries for U. S. consumption, by regions 1960-1964

Year	United States	New England	Middle Atlantic	North Central	South	West
1,000 hundredweight, solids content basis						
1960	27,607	1,901	9,384	6,002	4,324	5,996
1961	30,634	2,093	10,489	6,618	5,095	6,339
1962	32,811	2,141	10,752	7,435	5,922	6,561
1963	33,525	2,109	11,211	7,609	6,087	6,509
1964	<u>35,978</u>	<u>1,972</u>	<u>11,227</u>	<u>7,834</u>	<u>7,046</u>	<u>7,899</u>
5-year average	32,111	2,043	10,612	7,100	5,695	6,661

Liquid sugar deliveries as a percentage of all sugar deliveries 1960-1964

1960	16.4	22.4	24.7	11.7	9.3	24.8
1961	17.5	24.6	26.8	12.1	10.8	24.3
1962	18.5	25.4	27.3	13.6	12.3	24.4
1963	18.3	25.3	28.5	12.7	12.8	23.6
1964	<u>20.4</u>	<u>23.9</u>	<u>29.4</u>	<u>14.3</u>	<u>14.7</u>	<u>28.5</u>
5-year average	18.2	24.3	27.3	12.9	12.0	25.1

Table 2. - Liquid sugar deliveries, by type of product or business of buyer, calendar year 1964

Product or business of buyer	:	United States	:	New England	:	Middle Atlantic	:	North Central	:	South	:	West
<hr/>												
1,000 hundredweight, solids content basis												
<hr/>												
<u>Industrial</u>												
Bakery, cereal and allied products		2,431		127		885		1,004		215		200
Confectionery and related products		2,945		280		2,067		277		159		162
Ice cream and dairy products		5,249		351		1,254		1,419		1,265		960
Beverages		16,189		732		5,145		3,751		4,623		1,938
Canned, bottled, frozen foods; jams, jellies, preserves, etc.		7,067		310		1,407		1,014		406		3,930
Multiple and all other food uses		956		70		301		102		71		412
Non-food products		466		3		128		112		219		4
Sub-total		35,303		1,873		11,187		7,679		6,958		7,606
<hr/>												
<u>Non-industrial</u>												
Hotels, restaurants, institutions		76		45		9		2		15		5
Wholesale grocers, jobbers, sugar dealers		401		38		21		112		18		212
Retail grocers, chain stores, super markets		178		16		9		35		55		63
All other deliveries, including deliveries to Government agencies		20		0		1		6		0		13
Sub-total		675		99		40		155		88		293
TOTAL LIQUID SUGAR DELIVERIES		35,978		1,972		11,227		7,834		7,046		7,899

Liquid sugar deliveries as a percentage of all sugar deliveries

<u>Industrial</u>						
Bakery, cereal and allied products	11.2	20.3	18.9	10.9	4.7	8.0
Confectionery and related products	17.0	19.9	25.6	5.5	11.3	11.9
Ice cream and dairy products	59.9	87.3	65.2	49.5	56.8	71.5
Beverages	57.8	75.0	86.4	52.2	43.8	58.0
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	41.4	44.0	45.6	26.9	14.9	57.9
Multiple and all other food uses	13.3	36.1	24.4	3.0	11.7	23.6
Non-food products	38.1	6.0	35.6	31.5	50.2	17.4
Sub-total	34.9	43.0	44.2	24.1	30.9	44.5
<hr/>						
<u>Non-industrial</u>						
Hotels, restaurants, institutions	5.5	43.7	3.9	1.2	4.7	0.9
Wholesale grocers, jobbers, sugar dealers	0.8	1.7	0.3	0.7	0.1	3.2
Retail grocers, chain stores, super markets	0.7	1.1	0.2	0.5	0.7	2.2
All other deliveries, including deliveries to Government agencies	0.7	0	0.2	0.6	0	2.5
Sub-total	0.9	2.5	0.3	0.7	0.3	2.8
TOTAL	20.4	23.9	29.4	14.3	14.7	28.5

ADMINISTRATIVE ACTIONS

<u>Date announced</u>	<u>Nature of action</u>
February 18, 1965	Announced that sugar subject to quota set-aside agreements for clearance during the month of April may be imported in either March or April. (See February 24, 1965 Federal Register).
March 2, 1965	Announced a revision of the preliminary sugar marketing allotments for mainland cane sugar processors which increases the allotments of all nine Florida processors from those established on Jan. 31, 1965 while allotments of Louisiana processors remain unchanged. (See Federal Register for March 3 and 4, 1965).
March 17, 1965	Announced determination of fair and reasonable prices for the 1964-65 crop of sugarcane in Puerto Rico. (See March 20, 1965 Federal Register).
March 19, 1965	Local producing areas in 20 states of the Domestic Beet Sugar Area designated as eligible for abandonment and crop deficiency payments on 1963-crop sugarbeets. (See March 19, 1965 Federal Register).
March 19, 1965	Announced determination of fair and reasonable wage requirements for sugarbeet work in all producing regions, effective April 5, 1965, and to continue in effect until amended, superseded, or terminated. (See March 24, 1965 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. February 1965 sugar deliveries for continental U. S. consumption 620,000 short tons, raw value (preliminary) down about 125,000 tons from January 1965 but up 38,000 tons from February 1964. January-February 1965 deliveries 1,365,000 short tons, raw value, up 143,000 tons from January-February 1964. Final data for January 1965 deliveries 745,000 short tons, raw value - previously published preliminary as 756,000 tons.

2. Primary distributors' stocks February 27, 1965 were 2,594,937 short tons, raw value (preliminary), up 14,000 tons from a year ago, and down 298,000 tons from January 31, 1965. During February refiners' stocks decreased 132,000 tons, beet processors' stocks 100,000 tons, mainland cane processors' stocks by 66,000 tons and importers of direct consumption sugar stocks remained about the same.

3. Charges to quotas January 1 to February 28, 1965 were 2,732,578 short tons, raw value, leaving a balance of 6,467,422 tons to be supplied within the 9,200,000 ton total.

4. Regionally, January deliveries, 1965 as compared to 1964, were up in 3 of the 5 regions: Increases -- North Central 64.3 percent, West 35.1 percent, South 1.1 percent. Decreases -- New England down 30.4 percent, Middle Atlantic down 9.4 percent.

5. Calendar year 1964 sugar deliveries were less to five of the seven industrial buyer groups than for 1963, and were also less for three of the four non-industrial groups. On a national basis deliveries to industrial buyers decreased 1.4 percent, and to non-industrial buyers 5.6 percent. The national total decrease was 3.3 percent. Corn refiners' total domestic shipments of corn sirup and dextrose were up 7.6 percent above 1963.

Table 3.- Sugar supply and disposition by primary distributors, January 1965

(Short tons, raw value)

Item	Beet proc- essors	Importers	Main- land cane proc- essors	Refiners		Net total
	(1)	(2)	(3)	Raw (4)	Refined (5)	(6)
SUPPLY						
1. Inventory Jan. 1, 1965	1,696,114	21,891	150,875	594,045 ^{2/}	229,931 ^{2/}	2,692,856
2. Production and movement						
a. Received as direct-consumption sugar	0	5,065	0	0	294	5,359
b. Produced from beets or cane	421,916	0	174,511	3,729	0)	
Less deliveries to refiners	0	0	118,893	0	0)	481,263 ^{3/}
c. Receipts of raws by refiners	0	0	0	462,014 ^{4/}	0)	
Less raws melted	0	0	0	474,180	0)	-12,166 ^{5/}
d. Refined from raws melted	0	0	0	0	486,943	486,943
e. Adjustments	-33	-77	-962	-1,292	-5,714	-8,078
f. Sub-total	421,883	4,988	54,656	-9,729	481,523	953,321
3. Net total supply	2,117,997	26,879	205,531	584,316	711,454	3,646,177
DISPOSITION						
4. Distribution for						
a. Quota purposes	242,313	12,772	4,600	1,154	484,421	745,260
b. Export	0	241	0	0	6,400	6,641
c. Livestock feed	0	865	0	0	377	1,242
d. Sub-total	242,313	13,878	4,600	1,154	491,198	753,143
5. Inventory Jan. 31, 1965	1,875,684	13,001	200,931	583,162 ^{6/}	220,256 ^{6/}	2,893,034
6. Total distribution and inventory	2,117,997	26,879	205,531	584,316	711,454	3,646,177

1/ Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.
2/ Includes Mainland cane sugar not charged to quota: Raws, 98,780; Refined, 22,107; Total, 120,887.
3/ Production less deliveries of raw sugar to refiners. 4/ Includes 115,819 tons received from mainland cane processors. 5/ Receipts of raw sugar by refiners less melt. 6/ Includes mainland cane sugar not charged to quota: Raws, 50,715; Refined, 14,904; Total, 65,619.

Table 4.- Receipts of quota-exempt and over-quota sugar included in Table 10.

Purpose	Refiners		Importers		Total	
	1965	1964	1965	1964	1965	1964
Short tons, raw value						
For: Export	18,304		521	0	18,825	0
Livestock feed	4,339	0	3,684	1,179	8,023	1,179
Later release						
Bonded						
In customs custody	0	0	66	1	66	1
Total	22,643	0	4,271	1,180	26,914	1,180

Table 5. Distribution of sugar by primary distributors, January 1965 and 1964

Item	1965	1964	Change 1964 to 1965
Short tons, raw value			
<u>Continental United States</u>			
Refiners' raw	1,154	451	+ 703
Refiners' refined	491,198	491,784	- 586
Sub-total	492,352	492,235	+ 117
Beet processors' refined	242,313	127,988	+114,325
Importers' direct consumption	13,878	12,370	+ 1,508
Mainland sugarcane processors'	4,600	9,695	- 5,095
Total	753,143	642,288	+110,855
For: Export	6,641	1,251	+ 5,390
Livestock feed	1,242	0	+ 1,242
Continental consumption ^{1/}	745,260	641,037	+104,223
	^{2/}		
<u>Puerto Rico</u>	10,000	10,267	- 267
<u>Hawaii</u>	2,675	2,601	+ 74

^{1/} Includes deliveries for United States military forces at home and abroad. ^{2/} Estimated.

Table 6. Stocks of sugar held by primary distributors in the continental United States, January 31, 1965 and 1964

Item	1965	1964	Change 1964 to 1965
Short tons, raw value			
Refiners' raw	583,162	733,086	-149,924
Refiners' refined	220,256	347,671	-127,415
Sub-total ^{1/}	803,418	1,080,757	-277,339
Beet processors' refined	1,875,684	1,374,804	+500,880
Importers' direct consumption	13,001	35,677	- 22,676
Mainland sugarcane processors'	200,931	88,115	+112,816
Total	2,893,034	2,579,353	+313,681

^{1/} Included mainland cane sugar not charged to quota: 1965 - Raws, 50,715; Refined, 14,904; Total, 65,619; 1964 - Raws, 64,160; Refined, 28,897; Total, 93,057.

Table 7. Distribution of sugar by primary distributors in the continental United States, February and January-February 1965 and 1964

Item	1965 ^{1/}	1964
	February	January-Feb.
Short tons, raw value		
Refiners	390,591	882,943
Beet processors' refined	210,877	453,190
Importers' direct consumption	8,256	22,134
Mainland sugarcane processors'	10,400 ^{2/}	15,000
Total	620,124	1,373,267
For: Export	n.a.	6,641
Livestock feed	n.a.	1,242
Continental consumption ^{3/}	620,124	1,365,384

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U. S. military forces at home and abroad.

Table 8. Stocks of sugar held by primary distributors in the continental United States, February 27, 1965 and February 29, 1964

Item	1965 ^{1/}	1964	Change 1964 to 1965
Short tons, raw value			
Refiners' raw	430,391	659,434	-229,043
Refiners' refined	241,167	356,248	-115,081
Sub-total	671,558	1,015,682	-344,124
Beet processors' refined	1,775,564	1,404,613	+370,951
Importers' direct consumption	12,815 ^{2/}	38,949	- 26,134
Mainland sugarcane processors'	135,000	121,635	+ 13,365
Total	2,594,937	2,580,879	+ 14,058

^{1/} Preliminary.

^{2/} Estimated.

Table 9. Mainland sugar: Production and quota charges January 1965 and 1964

Item	1965	1964	Change 1964 to 1965
Short tons, raw value			
<u>Production</u>			
Mainland cane	176,667	116,153	+ 60,514
Domestic beet	421,883	479,161	- 57,278
Total	598,550	595,314	+ 3,236
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	40,668	17,452	+ 23,216
For direct-consumption	2,432	896	+ 1,536
Louisiana processor-refiners	11,316	9,888	+ 1,428
Florida sugarcane processors	125,833	51,594	+ 74,239
Sub-total	180,249	79,830	+100,419
Beet processors	242,313	127,988	+114,325
Total	422,562	207,818	+214,744

Table 10. Sugar receipts of refiners and importers by source of supply^{1/} January 1965 and 1964

Table 10. Sugar receipts of refiners and importers by source of supply, January 1965 and 1964						
Source of supply	Raw sugar		Direct-consumption sugar		Total	
	1965	1964	1965	1964	1965	1964
Short tons, raw value						
<u>Offshore</u>						
<u>Foreign</u>						
Argentina		2,129				2,129
Belgium			4,448		4,448	
Brazil	11,806	5,657			11,806	5,657
British West Indies				2		2
Denmark			10		10	
Dominican Republic	33,128	10,651			33,128	10,651
France				1,179		1,179
Hong Kong			10	10	10	10
Ireland			359		359	
Mexico	16,247	34,001	10	10	16,257	34,011
Netherlands			10		10	
Panama	918	3,285			918	3,285
Peru	11,748	13,380			11,748	13,380
Philippines	103,882	18,007		635	103,882	18,642
South Africa	29,562	30,420			29,562	30,420
Sweden			6		6	
United Kingdom			10	3	10	3
Total	207,291	117,530	4,863	1,839	212,154	119,369
<u>Domestic</u>						
Hawaii	111,128	33,289	294 ^{2/}	0	111,422	33,289
Puerto Rico	27,658	0	202	3,400	27,860	3,400
Virgin Islands	0	0	0	0	0	0
Sub-total	138,786	33,289	496	3,400	139,282	36,689
Total all offshore	346,077	150,819	5,359	5,239	351,436	156,058
Mainland cane area	119,548	52,533	0 ^{3/}	1,250 ^{3/}	119,548	53,783
Acquired for reprocessing and samples	118	98	0	0	118	98
Grand total	465,743	203,450	5,359	6,489	471,102	209,939

^{1/} Includes sugar as detailed in Table 4.^{2/} Refined sugar received by refiners.^{3/} Refined sugar produced direct from cane by processor-refiner.

Table 11.- Status of 1965 quotas and charges as of February 28, 1965

Source of supply	Charges to quotas ^{1/}				
	Quotas		Charges to quotas		
	and	prorations	By SU 3 *	By set-aside	Total ^{2/3/}
					Balances ^{2/}
Short tons, raw value					
Domestic beet sugar	2,650,000			453,000	2,197,000
Mainland cane sugar	895,000			300,000	595,000
Hawaii	1,115,479			188,029	927,450
Puerto Rico	1,140,000			85,198	1,054,802
Virgin Islands	15,232				15,232
Total domestic areas	5,815,711			1,026,227	4,789,484
Republic of the Philippines	1,050,000	157,673	332,521	490,194	559,806
Argentina	65,897	4,227	25,946	30,173	35,724
Australia	193,069				193,069
Belgium	1,867	182	1,509	1,691	176
Brazil	228,550	23,611	82,236	105,847	122,703
British Honduras	4,342		1,742	1,742	2,600
British West Indies	126,145	14,739	54,946	69,685	56,460
China, Republic of	69,819	9,276	51,258	60,534	9,285
Colombia	29,015		11,738	11,738	17,277
Costa Rica	36,041		22,454	22,454	13,587
Dominican Republic	398,323	43,956	216,185	260,141	138,182
Ecuador	51,121	5,712	5,680	11,392	39,729
El Salvador	17,904		12,710	12,710	5,194
Fiji Islands	47,059				47,059
France	5,882		5,164	5,164	718
French West Indies	44,352		30,426	30,426	13,926
Guatemala	36,276	11,995	17,890	29,885	6,391
Haiti	19,188	5,795	12,130	17,925	1,263
India	100,164	11,806	44,718	56,524	43,640
Ireland	2,311	1,798		1,798	513
Malagasy Republic	7,586				7,586
Mauritius	15,430				15,430
Mexico	403,225	49,044	261,640	310,684	92,541
Nicaragua	41,947	7,650	15,626	23,276	18,671
Panama	14,986	4,847	6,126	10,973	4,013
Peru	248,625	14,769	94,391	109,160	139,465
Reunion	2,288				2,288
South Africa	100,108	30,878		30,878	69,230
Southern Rhodesia	9,197				9,197
Swaziland	9,300				9,300
Turkey	1,517		1,357	1,357	160
Venezuela	2,755				2,755
Total foreign	3,384,289	397,958	1,308,393	1,706,351	1,677,938
Grand total	9,200,000			2,732,578	6,467,422

1/ Domestic beet and Mainland cane sugar marketings partly estimated; all other sugar entered, authorized for entry or set-aside.

2/ Direct-consumption charges and balances: Hawaii, 661 and 30,803; Puerto Rico, 7,841 and 130,159; Philippines, 3,210 and 56,710; Panama, 1,605 and 2,212; Belgium, 182 and 0; Ireland, 1,798 and 513.

3/ Includes raw sugar for direct consumption: Hawaii, 52 tons.

* Applications for entry.

Table 12. Quota-exempt sugar ^{1/} entered under Sections 211(a) and 212(4) as of February 25, 1965

Country	for	Sugar under bond	Total
	Reexport	Feed for refining	
Short tons, raw value			
Belgium	521	3,684	4,205
Dominican Republic	16,172	1,275 4,310	21,757
France		885	885
Mexico	19,986	632	20,618
United Kingdom	64		64
Total	36,743	6,476 4,310	47,529

1/ In addition a total of 133 tons were entered under provisions of Sec. 212; first 10 tons - 70; and liquid sugar in small containers - 63 tons.

In addition to quantities shown, there is in Custom's custody Hong Kong - 15 tons.

Table 13. - Primary distribution of sugar, continental United States, by States, January 1965

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights $\frac{1}{2}$					
<u>New England</u>					
Connecticut	88,813	1,000	800		90,613
Maine	34,574				34,574
Massachusetts	302,978		3,530	392	306,900
New Hampshire	22,497				22,497
Rhode Island	28,851		300		29,151
Vermont	8,233				8,233
Sub-total	485,946	1,000	4,630	392	491,968
<u>Mid-Atlantic</u>					
New Jersey	556,251	7,180	35,531	600	599,562
New York	1,171,071	12,792	60,652		1,244,515
Pennsylvania	861,423	13,410	68,887		943,720
Sub-total	2,588,745	33,382	165,070	600	2,787,797
<u>North Central</u>					
Illinois	593,829	1,064,224		23,994	1,682,047
Indiana	280,778	108,044			388,822
Iowa	48,069	152,659			200,728
Kansas	46,580	75,634		300	122,514
Michigan	214,609	356,473			571,082
Minnesota	56,276	227,427			283,703
Missouri	223,769	198,712		300	422,781
Nebraska	17,135	170,143		1,000	188,278
North Dakota	12	39,160			39,172
Ohio	434,447	235,746	360		670,553
South Dakota	3,026	41,345			44,371
Wisconsin	88,817	208,930			297,747
Sub-total	2,007,347	2,878,497	360	25,594	4,911,798
<u>Southern</u>					
Alabama	183,537			9,000	192,537
Arkansas	84,028	8,600		759	93,387
Delaware	151,530		100		151,630
District of Columbia	21,231		6,840		28,071
Florida	197,823		7,610	38,754	244,187
Georgia	404,453			2,055	406,508
Kentucky	154,658	3,000		1,600	159,258
Louisiana	244,876			5,230	250,106
Maryland	251,488	2,000	38,334		291,822
Mississippi	109,645			930	110,575
North Carolina	307,697		2,440	413	310,550
Oklahoma	120,033	39,224			159,257
South Carolina	136,721				136,721
Tennessee	256,421			510	256,931
Texas	584,127	167,830		3	751,960
Virginia	184,546		18,657		203,203
West Virginia	52,042	1,070			53,112
Sub-total	3,444,856	221,724	73,981	59,254	3,799,815
<u>Western</u>					
Alaska	1,150	1,261			2,411
Arizona	41,641	21,219			62,860
California	440,388	965,153		600	1,406,141
Colorado	10,111	115,594			125,705
Idaho	3,043	14,161			17,204
Montana	7,075	36,794			43,869
Nevada	4,841	3,980			8,821
New Mexico	11,683	20,429			32,112
Oregon	40,215	71,395		600	112,210
Utah	5,394	35,802			41,196
Washington	42,056	98,824			140,880
Wyoming	455	8,740			9,195
Sub-total	608,052	1,393,352		1,200	2,002,604
<u>Grand total</u>	<u>9,134,946</u>	<u>4,527,955</u>	<u>244,041</u>	<u>87,040</u>	<u>13,993,982</u>

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 14. - Primary distribution of sugar, continental United States, by states, January 1965 and 1964

State and Region	Cane sugar refiners		Beet processors		Total all Primary Distributors ^{1/}	
	1965	1964	1965	1964	1965	1964
	Thousands of hundredweights ^{2/}					
<u>New England</u>						
Connecticut	89	101	1	5	91	121
Maine	35	55		3	35	58
Massachusetts	303	406		25	307	432
New Hampshire	22	29			22	29
Rhode Island	29	45			29	46
Vermont	8	16		5	8	21
Sub-total	486	652	1	38	492	707
<u>Mid-Atlantic</u>						
New Jersey	556	576	7	42	600	676
New York	1,171	1,266	13	111	1,244	1,416
Pennsylvania	862	866	13	81	944	985
Sub-total	2,589	2,708	33	234	2,788	3,077
<u>North Central</u>						
Illinois	594	558	1,064	273	1,682	831
Indiana	281	269	108	79	389	348
Iowa	48	40	153	64	201	104
Kansas	46	39	76	36	122	75
Michigan	215	187	356	199	571	386
Minnesota	56	36	227	80	284	116
Missouri	224	197	199	94	423	292
Nebraska	17	19	170	69	188	88
North Dakota	*	*	39	15	39	15
Ohio	434	432	236	126	671	558
South Dakota	3	3	41	8	44	11
Wisconsin	89	76	209	85	298	165
Sub-total	2,007	1,856	2,878	1,128	4,912	2,989
<u>Southern</u>						
Alabama	184	199			193	199
Arkansas	84	76	9	10	93	87
Delaware	151	29			152	29
District of Columbia	21	24			28	25
Florida	198	224			244	415
Georgia	404	414			406	414
Kentucky	155	162	3	7	159	169
Louisiana	245	261			250	261
Maryland	251	310	2	10	292	344
Mississippi	110	135			111	137
North Carolina	308	269			311	279
Oklahoma	120	82	39	22	159	104
South Carolina	137	125			137	125
Tennessee	256	294		1	257	295
Texas	584	525	168	84	752	614
Virginia	185	170		14	203	196
West Virginia	52	58	1	7	53	65
Sub-total	3,445	3,357	222	155	3,800	3,758
<u>Western</u>						
Alaska	1	5	1	1	2	6
Arizona	42	32	21	18	63	50
California	440	483	965	537	1,406	1,020
Colorado	10	7	116	41	126	48
Idaho	3	4	14	17	17	21
Montana	7	4	37	30	44	34
Nevada	5	5	4	4	9	9
New Mexico	12	8	20	11	32	19
Oregon	40	38	71	46	112	84
Utah	5	5	36	29	41	34
Washington	42	43	99	109	141	152
Wyoming	*	1	9	4	9	5
Sub-total	607	635	1,393	847	2,002	1,482
<u>Grand total</u>	<u>9,134</u>	<u>9,208</u>	<u>4,527</u>	<u>2,402</u>	<u>13,994</u>	<u>12,013</u>

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

* Less than 500 hundredweights.

Table 15.- Sugar deliveries, by type of product or business of buyer and by type of sugar, fourth quarter 1964 ^{1/}

Product or business of buyer	:	:	:	:	:	Liquid sugar	
	:	:	:	:	:	included in totals	
	:	:	:	:	:	:	:
	Beet	Cane	Imported	Total		Beet	Cane
	(Total)	(Total	D.C.	All sugar			
	:	:	(Total)	:	:		
<u>Hundredweights</u> ^{2/}							
<u>Industrial</u>							
Bakery, cereal and allied products	1,666,018	3,905,853	148,250	5,720,121	51,700	557,821	
Confectionery and related products	1,057,917	3,697,158	114,355	4,869,430	35,375	789,058	
Ice cream and dairy products	679,665	1,126,290	94,848	1,900,803	272,834	853,049	
Beverages	1,271,310	5,016,743	86,236	6,374,289	542,339	3,164,162	
Canned, bottled, frozen foods, jams, jellies and preserves	1,090,278	2,100,679	248,620	3,439,577	271,532	1,033,105	
Multiple and all other food uses	827,744	1,322,813	54,837	2,205,394	24,341	248,537	
Non-food products	<u>15,887</u>	<u>275,366</u>	<u>8,746</u>	<u>299,999</u>	<u>2,040</u>	<u>84,436</u>	
Sub-total	6,608,819	17,444,902	755,892	24,809,613	1,200,161	6,730,168	
<u>Non-industrial</u>							
Hotels, restaurants, institutions	20,145	356,106	1,000	377,251	927	17,596	
Wholesale grocers, jobbers, sugar dealers	2,528,941	8,732,080	426,031	11,687,052	32,048	37,635	
Retail grocers, chain stores, super markets	1,212,823	4,852,371	81,394	6,146,588	12,263	31,239	
All other deliveries, including deliveries to Government agencies	<u>489,896</u>	<u>406,659</u>	<u>0</u>	<u>896,555</u>	<u>513</u>	<u>389</u>	
Sub-total	4,251,805	14,347,216	508,425	19,107,446	45,751	86,859	
TOTAL DELIVERIES	10,860,624	31,792,118	1,264,317	43,917,059	1,245,912	6,817,027	
Deliveries in consumer-size packages (less than 50 lbs.)	2,228,860	11,212,693	286,561	13,728,114			
Deliveries in bulk (unpackaged)	3,290,800	6,035,002	0	9,325,802			

^{1/} Represents approximately 97.2 percent of deliveries by primary distributors in continental United States.

^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 16.-Sugar deliveries, by type of product or business of buyer, fourth quarter 1964 and percentage change from fourth quarter 1963

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	5,720,121	201,561	1,245,260	2,254,429	1,338,881	679,990
Confectionery and related products	4,869,430	404,766	2,321,673	1,372,330	389,284	381,377
Ice cream and dairy products	1,900,803	88,111	382,028	638,799	483,998	307,867
Beverages	6,374,289	221,568	1,366,245	1,631,556	2,416,270	738,650
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	3,439,577	170,789	879,311	746,852	777,633	864,992
Multiple and all other food uses	2,205,394	46,115	295,068	1,146,838	179,457	537,916
Non-food products	299,999	13,856	99,259	94,119	86,164	6,601
Sub-total	24,809,613	1,146,766	6,588,844	7,884,923	5,671,687	3,517,393
<u>Non-industrial</u>						
Hotels, restaurants, institutions	377,251	27,128	72,197	40,326	87,015	150,585
Wholesale grocers, jobbers, sugar dealers	11,687,052	609,864	1,850,794	3,639,826	4,040,530	1,546,038
Retail grocers, chain stores, super markets	6,146,588	394,619	1,306,829	1,696,326	2,035,402	713,412
All other deliveries, including deliveries to Government agencies	896,555	11,673	78,686	419,199	230,725	156,272
Sub-total	19,107,446	1,043,284	3,308,506	5,795,677	6,393,672	2,566,307
TOTAL DELIVERIES	43,917,059	2,190,050	9,897,350	13,680,600	12,065,359	6,083,700
<u>Percentage change from 1963</u>						
<u>Industrial</u>						
Bakery, cereal and allied products	-11.7	+46.9	-12.8	-28.8	+30.7	- 5.8
Confectionery and related products	- 3.2	+29.8	+16.5	-24.4	+ 5.9	-29.6
Ice cream and dairy products	- 6.6	+20.7	-26.6	- 6.7	+ 7.9	- 0.4
Beverages	- 3.7	+28.2	+ 9.4	-20.1	+ 7.0	-17.7
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	-11.9	-31.3	- 0.5	-41.6	+28.5	- 2.7
Multiple and all other food uses	+65.5	+25.3	-20.2	+281.8	+24.3	+11.8
Non-food products	-26.6	+62.7	+ 7.4	- 5.5	-58.2	+218.3
Sub-total	- 3.9	+16.0	+ 0.8	-16.0	+12.2	- 8.4
<u>Non-industrial</u>						
Hotels, restaurants, institutions	+17.7	+38.1	+80.3	-23.2	+20.7	+10.4
Wholesale grocers, jobbers, sugar dealers	-11.9	+17.1	+20.3	-33.8	+ 8.9	-22.8
Retail grocers, chain stores, super markets	- 3.2	+16.0	+11.5	-20.7	+ 6.1	- 8.1
All other deliveries, including deliveries to Government agencies	-11.2	-74.8	-50.8	+31.4	-23.6	-14.3
Sub-total	- 8.8	+12.5	+13.7	-27.7	+ 6.5	-17.1
TOTAL	- 6.1	+14.3	+ 4.8	-21.4	+ 9.1	-12.3

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 17. Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) fourth quarter and calendar year 1964

Area	:	Fourth quarter			:	Calendar year			
	:	Cane	:	Beet	:	Cane	:	Beet	:
	:	sugar	:	sugar	:	sugar	:	sugar	:
	:		:	Total	:		:	Total	:
<u>Hundredweights</u> ^{1/}									
United States		11,499,254		2,228,860		13,728,114		44,313,266	
New England		659,794		0		659,794		2,562,096	
Middle Atlantic	^{2/}	2,551,935		6,145		2,558,080		8,981,925	
North Central and West, Combined		3,377,020		2,166,045		5,543,065		12,905,074	
South		4,910,505		56,670		4,967,175		19,864,171	
								9,978,091	
								15,126	
								80,026	
								9,625,089	
								257,850	
				</					

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

^{2/} Combined to avoid disclosure of individual company data. Total reported distribution in consumer-size packages in these areas: Fourth quarter, North Central, 3,670,978; West, 1,872,087; Calendar year, North Central, 15,081,545; West, 7,448,618

Table 18. Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during calendar years 1964 and 1963 with comparisons

Calendar year	Region					U.S. total	Type of sugar	
	New	Middle	South	North	West		Beet	Cane
	England	Atlantic	South	Central	West		Beet	Cane
1,000 hundredweights ^{1/}								
(1) <u>Total direct deliveries</u>								
1964	8,252	38,228	47,783	54,800	27,719	176,782	50,454	126,328
1963	8,321	39,345	47,475	59,981	27,626	182,748	55,456	127,292
Change	-69	-1,117	+308	-5,181	+93	-5,966	-5,002	-964
(2) <u>Consumer-size packages (granulated, less than 50 lbs.)</u>								
1964	2,577	9,062	20,122 ^{2/}	15,081	7,449	54,291 ^{2/}	9,978	44,313 ^{2/}
1963	2,749	8,622 ^{2/}	19,764 ^{2/}	16,142	7,719	54,996 ^{2/}	10,834	44,162 ^{2/}
Change	-172	+440	+358	-1,061	-270	-705	-856	+151
(3) <u>Other deliveries, (industrial and institutional)</u>								
1964	5,675	29,166	27,661 ^{2/}	39,719	20,270	122,491 ^{2/}	40,476	82,015 ^{2/}
1963	5,572	30,723 ^{2/}	27,711 ^{2/}	43,839	19,907	127,752 ^{2/}	44,622	83,130 ^{2/}
Change	+103	-1,557	-50	-4,120	+363	-5,261	-4,146	-1,115
(3a) <u>Bulk granulated</u>								
1964	1,004	8,765	6,678	14,830	6,092	37,369	15,886	21,483
1963	888	8,573	5,071	14,605	6,062	35,199	15,026	20,173
Change	+116	+192	+1,607	+225	+30	+2,170	+860	+1,310
(3b) <u>Liquid sugar</u>								
1964	1,972	11,227	7,047	7,834	7,899	35,979	7,421	28,558
1963	2,109	11,211	6,087	7,609	6,509	33,525	6,214	27,311
Change	-137	+16	+960	+225	+1,390	+2,454	+1,207	+1,247
(3c) <u>Industrial and institutional packages (granulated 50 lbs. and over)</u>								
1964	2,699	9,174 ^{2/}	13,936 ^{2/}	17,055	6,279	49,143 ^{2/}	17,169	31,974 ^{2/}
1963	2,575	10,939	16,553 ^{2/}	21,625	7,336	59,028 ^{2/}	23,382	35,646 ^{2/}
Change	+124	-1,765	-2,617	-4,570	-1,057	-9,885	-6,213	-3,672

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

^{2/} Revised.

Table 19. Sugar deliveries, by type of product or business of buyer and by type of sugar, calendar year 1964 ^{1/}

Product or business of buyer	:	:	:	Imported :	:	Liquid sugar
	Beet	Cane	D.C.	Total	:	included in totals
	(Total)	(Total)	(Total)	All sugar	:	:
	:	:	:	:	:	Beet : Cane
<u>Hundredweights 2/</u>						
<u>Industrial</u>						
Bakery, cereal and allied products	7,246,358	13,933,614	452,936	21,632,908	181,783	2,249,299
Confectionery and related products	4,396,224	12,451,771	452,538	17,300,533	135,196	2,809,367
Ice cream and dairy products	3,339,143	5,145,350	277,794	8,762,287	1,292,114	3,956,400
Beverages	6,259,007	21,469,572	272,325	28,010,904	2,472,079	13,717,045
Canned, bottled, frozen foods, jams, jellies and preserves	8,169,481	8,118,040	777,839	17,065,360	2,865,362	4,201,764
Multiple and all other food uses	2,801,061	4,228,823	140,817	7,170,701	112,206	843,960
Non-food products	<u>117,619</u>	<u>1,068,926</u>	<u>37,358</u>	<u>1,223,905</u>	<u>6,092</u>	<u>460,461</u>
Sub-total	32,338,893	66,416,096	2,411,607	101,166,596	7,064,832	28,238,296
<u>Non-industrial</u>						
Hotels, restaurants, institutions	75,936	1,293,538	12,575	1,382,049	5,729	70,397
Wholesale grocers, jobbers, sugar dealers	11,457,779	34,481,209	1,498,902	47,437,890	252,763	148,365
Retail grocers, chain stores, super markets	5,368,440	18,455,779	287,632	24,111,851	78,695	99,842
All other deliveries, including deliveries to Government agencies	<u>1,212,999</u>	<u>1,469,072</u>	<u>1,654</u>	<u>2,683,725</u>	<u>18,725</u>	<u>816</u>
Sub-total	18,115,154	55,699,598	1,800,763	75,615,515	355,912	319,420
TOTAL DELIVERIES	50,454,047	122,115,694	4,212,370	176,782,111	7,420,744	28,557,716
Deliveries in consumer-size packages (less than 50 lbs.)	9,978,091	43,988,030	325,236	54,291,357		
Deliveries in bulk (unpackaged)	15,885,965	21,482,985	0	37,368,950		

^{1/} Represents approximately 97.4 percent of deliveries by primary distributors in continental United States.

^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 20. Sugar deliveries, by type of product or business of buyer, calendar year 1964 and percentage change from calendar year 1963

Product or business of buyer	: United States	: New England	: Middle Atlantic	: North Central	: South	: West
<u>Hundredweights 1/</u>						
<u>Industrial</u>						
Bakery, cereal and allied products	21,632,908	627,423	4,690,895	9,220,538	4,594,333	2,499,719
Confectionery and related products	17,300,533	1,406,372	8,089,464	5,034,309	1,406,768	1,363,620
Ice cream and dairy products	8,762,287	401,555	1,923,201	2,869,331	2,226,231	1,341,969
Beverages	28,010,904	976,188	5,952,703	7,184,934	10,554,365	3,342,714
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	17,065,360	703,949	3,082,746	3,763,763	2,725,716	6,789,186
Multiple and all other food uses	7,170,701	194,385	1,231,516	3,396,220	604,649	1,743,931
Non-food products	<u>1,223,903</u>	<u>49,936</u>	<u>360,403</u>	<u>354,699</u>	<u>436,280</u>	<u>22,585</u>
Sub-total	101,166,596	4,359,808	25,330,928	31,823,794	22,548,342	17,103,724
<u>Non-industrial</u>						
Hotels, restaurants, institutions	1,382,049	103,135	228,126	161,008	316,814	572,966
Wholesale grocers, jobbers, sugar dealers	47,437,890	2,268,592	7,337,827	15,095,103	16,139,974	6,596,394
Retail grocers, chain stores, super markets	24,111,851	1,463,968	4,921,402	6,747,539	8,059,018	2,919,924
All other deliveries, including deliveries to Government agencies	<u>2,683,725</u>	<u>56,091</u>	<u>409,956</u>	<u>972,912</u>	<u>718,574</u>	<u>526,192</u>
Sub-total	75,615,515	3,891,786	12,897,311	22,976,562	25,234,380	10,615,476
TOTAL DELIVERIES	176,782,111	8,251,594	38,228,239	54,800,356	47,782,722	27,719,200

Percentage change from calendar year 1963

<u>Industrial</u>						
Bakery, cereal and allied products	- 7.6	- 8.4	-17.2	-12.0	+16.1	- 4.8
Confectionery and related products	- 3.2	+ 7.0	- 0.0	- 5.6	- 7.7	-15.2
Ice cream and dairy products	+ 0.5	+ 2.0	- 2.4	+ 1.0	+ 2.8	- 0.6
Beverages	- 2.4	+ 2.1	- 0.8	- 8.0	+ 0.7	- 3.3
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	- 1.2	-21.3	+ 1.9	-20.7	- 1.6	+16.4
Multiple and all other food uses	+36.5	+ 7.2	-17.2	+148.0	+22.3	+ 1.4
Non-food products	<u>-11.6</u>	<u>+46.9</u>	<u>+ 0.0</u>	<u>- 5.3</u>	<u>-27.5</u>	<u>+71.7</u>
Sub-total	- 1.4	- 2.2	- 4.8	- 3.4	+ 2.5	+ 3.0
<u>Non-industrial</u>						
Hotels, restaurants, institutions	+ 4.6	- 0.4	+ 9.1	-12.6	+ 5.8	+ 9.3
Wholesale grocers, jobbers, sugar dealers	- 6.4	+ 1.8	+ 7.5	-17.8	- 0.7	- 5.8
Retail grocers, chain stores, super markets	- 4.6	+ 1.7	- 4.3	-13.3	- 0.7	+ 4.5
All other deliveries, including deliveries to Government agencies	<u>- 6.3</u>	<u>-36.3</u>	<u>-27.5</u>	<u>+39.9</u>	<u>-12.0</u>	<u>-24.5</u>
Sub-total	- 5.6	+ 0.8	+ 1.2	-15.0	- 1.0	- 3.7
TOTAL	- 3.3	- 0.8	- 2.8	- 8.6	+ 0.6	+ 0.2

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 21.-Dextrose sales, by type of product or business of buyer, fourth quarter 1964 and percentage change from fourth quarter 1963

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	1,097,139	44,425	199,196	479,820	232,789	140,909
Confectionery and related products	174,935	1,624	81,358	70,332	13,400	8,221
Ice cream and dairy products	26,507	1,341	5,647	11,852	3,569	4,098
Beverages	202,867	4,059	95,312	61,977	18,095	23,424
Canned, bottled, frozen foods, jams, jellies preserves, etc.	166,497	6,294	20,497	45,041	63,043	31,622
Multiple and all other food uses	189,474	5,215	26,060	82,507	41,401	34,291
Non-food products	<u>365,298</u>	<u>120,339</u>	<u>98,727</u>	<u>76,754</u>	<u>65,315</u>	<u>4,163</u>
Sub-total	2,222,717	183,297	526,797	828,283	437,612	246,728
<u>Non-industrial</u>						
Wholesale grocers, jobbers, sugar dealers, retail grocers, chain stores, super markets	54,634	364	-6,652	49,380	2,847	8,695
All other deliveries, including deliveries to Government agencies	<u>13,269</u>	<u>472</u>	<u>3,314</u>	<u>5,816</u>	<u>262</u>	<u>3,405</u>
Sub-total	67,903	836	-3,338	55,196	3,109	12,100
TOTAL SALES	2,290,620	184,133	523,459	883,479	440,721	258,828

Percentage change from fourth quarter 1963

<u>Industrial</u>						
Bakery, cereal and allied products	-18.6	-34.8	- 6.4	-18.0	-25.3	-16.8
Confectionery and related products	+ 8.1	+192.6	-15.4	+67.3	+10.5	-25.3
Ice cream and dairy products	-10.8	+13.1	-42.3	+13.5	-15.5	+ 0.7
Beverages	+ 4.2	+123.6	+ 2.8	+ 4.7	+21.9	-10.3
Canned, bottled, frozen foods; jams, jellies preserves, etc.	-10.2	+153.2	-53.7	-25.9	+20.0	+25.5
Multiple and all other food uses	+16.4	+51.5	-18.6	+21.1	+ 5.3	+72.7
Non-food products	<u>- 8.7</u>	<u>+37.8</u>	<u>-17.9</u>	<u>- 1.0</u>	<u>-39.8</u>	<u>-34.5</u>
Sub-total	-10.4	+11.1	-13.4	- 8.3	-19.5	- 5.8
<u>Non-industrial</u>						
Wholesale grocer, jobbers sugar dealers, retail grocers, chain stores, super markets	-46.9	-50.8	-	-42.2	-14.1	-19.3
All other deliveries, including deliveries to Government agencies	<u>-25.6</u>	<u>-50.2</u>	<u>-45.5</u>	<u>+16.3</u>	<u>-79.5</u>	<u>-24.7</u>
Sub-total	<u>-43.8</u>	<u>-50.5</u>	<u>-</u>	<u>-38.9</u>	<u>-32.3</u>	<u>-20.9</u>
Total	-12.0	+10.5	-15.1	-11.1	-19.6	- 6.6

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

Table 23.- Corn refiners' shipments, by type of buyer, fourth quarter 1964 and 1963

Type of buyer	Corn sirup unmixed		Dextrose		All corn sweeteners ^{2/}	
	1964	1963	1964	1963	1964	1963
Thousand hundredweights, dry basis						
Baking industry	920	818	915	1,098	1,835	1,916
Confectioners	1,825	1,767	161	148	1,986	1,916
Ice cream and other dairy products	515	482	24	27	539	510
Breweries and bottling sirups	201	239	49	41	250	281
Canners, packers, jams, jellies, preserves	762	714	139	154	901	868
Miscellaneous food industries, including sugar refiners	410	439	424	436	834	875
Sirup mixers ^{1/}	183	181	16	16	199	196
Non-food uses	166	142	348	386	514	528
Jobbers, etc.	<u>30</u>	<u>29</u>	<u>50</u>	<u>95</u>	<u>80</u>	<u>124</u>
Sub-total ^{2/}	5,013	4,811	2,126	2,402	7,139	7,213
Used in mixed sirups sold by corn refiners	460	412	-	-	460	412
Corn sirup solids ^{3/}	253	239	-	-	253	239
Total domestic ^{2/}	5,726	5,462	2,126	2,402	7,852	7,864
Export	<u>35</u>	<u>83</u>	<u>71</u>	<u>43</u>	<u>106</u>	<u>126</u>
Grand total ^{2/} (Domestic & export)	5,761	5,545	2,197	2,445	7,958	7,990
Bulk blends ^{4/}	540	346	-	-	540	346

^{1/} Sirup mixers outside of the corn refining industry, except cane sugar refiners and beet sugar processors; the latter two are included with "Miscellaneous food industries."

^{2/} Due to rounding, totals may not be exact sums of individual items.

^{3/} According to the Census of Manufacturers 1958, shipments of corn sirup solids were 63.7 percent of total shipments of miscellaneous refinery products. Since corn sirup solids contain up to 3.5 percent moisture, corn sirup solids dry basis, are estimated as 61.5 percent of shipments of miscellaneous refinery products as reported. For earlier treatment of this item see Sugar Reports 93, Page 6.

^{4/} Corn sirup unmixed sales to sugar refiners and beet sugar processors for blending contained in miscellaneous food industries.

NOTE: See Sugar Reports No. 93, January 1960, pages 6-10 for source, methodology and groupings.

Table 24. Corn refiners' shipments, by type of buyer, calendar year 1964 and 1963

Type of buyer	Corn sirup unmixed		Dextrose		All corn sweeteners ^{2/}	
	1964	1963	1964	1963	1964	1963
	Thousand hundredweights, dry basis					
Baking industry	3,643	2,949	4,158	4,382	7,801	7,332
Confectioners	7,093	6,761	740	616	7,833	7,377
Ice cream and other dairy products	2,475	2,131	118	148	2,593	2,279
Breweries and fountain sirups	1,061	1,027	204	174	1,265	1,201
Canners, packers, jams, jellies, preserves	3,637	3,003	600	544	4,237	3,546
Miscellaneous food industries including sugar refiners	1,591	1,524	1,821	1,692	3,412	3,215
Sirup mixers ^{1/}	650	606	44	61	694	667
Non-food uses	569	551	1,348	1,375	1,917	1,926
Jobbers, etc:	<u>97</u>	<u>89</u>	<u>278</u>	<u>318</u>	<u>375</u>	<u>407</u>
Sub-total ^{2/}	20,815	18,642	9,311	9,309	30,126	27,951
Used in mixed sirups sold by corn refiners	1,508	1,453	-	-	1,508	1,453
Corn sirup solids ^{3/}	<u>1,074</u>	<u>997</u>	<u>-</u>	<u>-</u>	<u>1,074</u>	<u>997</u>
Total domestic ^{2/}	23,398	21,092	9,311	9,309	32,709	30,401
Export	<u>182</u>	<u>217</u> ^{5/}	<u>273</u>	<u>240</u>	<u>455</u>	<u>457</u> ^{5/}
Grand total ^{2/} (Domestic & export)	23,580	21,309 ^{5/}	9,584	9,549	33,164	30,858 ^{5/}
Bulk blends ^{4/}	1,576	1,199 ^{5/}	-	-	1,576	1,199 ^{5/}

^{1/} Sirup mixers outside of the corn refining industry, except cane sugar refiners and beet sugar processors; the latter two are included with "Miscellaneous food industries."

^{2/} Due to rounding, totals may not be exact sums of individual items.

^{3/} According to the Census of Manufacturers 1958, shipments of corn sirup solids were 63.7 percent of total shipments of miscellaneous refinery products. Since corn sirup solids contain up to 3.5 percent moisture, corn sirup solids dry basis, are estimated as 61.5 percent of shipments of miscellaneous refinery products as reported. For earlier treatment of this item see Sugar Reports 93, Page 6.

^{4/} Corn sirup unmixed sales to sugar refiners and beet sugar processors for blending contained in miscellaneous food industries.

^{5/} Revised.

NOTE: See Sugar Reports No. 93, January 1960, pages 6-10 for source, methodology and groupings.

Table 25. Sugar prices

Year and month	: Raw cane sugar-spot price :		Quota ^{3/} premiums and discounts	: Refined beet sugar - quoted wholesale (gross) ^{4/} :		
	: Domestic :			: Chicago- : Pacific :		
	: sugar at N.Y. : "World" :			: Eastern : West : Coast :		
	: duty paid ^{1/} : sugar ^{2/} :					
Cents per pound						
1960-64 Monthly average	6.83	4.68	+1.23	9.24	9.21	9.49
1963 Monthly average	8.18	8.50	-1.23	10.58	10.34	10.71
1964 Monthly average	6.90	5.87	+0.11	9.38	9.38	9.85
<u>1964</u>						
March	7.33	7.43	-1.03	10.02	10.02	10.63
April	7.43	8.05	-1.54	9.90	9.90	10.44
May	6.65	7.12	-1.39	9.48	9.48	9.97
June	6.45	5.33	+0.20	8.89	8.89	9.33
July	6.25	4.80	+0.53	8.85	8.85	9.30
August	6.18	4.37	+0.89	8.71	8.71	9.16
September	6.20	3.71	+1.57	8.60	8.60	9.05
October	6.27	3.70	+1.65	8.60	8.60	9.05
November	6.17	3.40	+1.85	8.60	8.60	9.05
December	6.55	2.76	+2.87	8.60	8.60	9.05
<u>1965</u>						
January	6.85	2.41	+3.52	9.15	9.15	9.35
February	6.79	2.25	+3.61	9.15	9.15	9.45
Last 12-month average	6.59	4.61	+1.06	9.05	9.05	9.49
Year and month	: Refined cane sugar - quoted wholesale (gross) ^{4/} :					
	: North : South :		: Gulf :	: Chicago- : Pacific :		: Retail U.S. average
	: East : East :			: West : Coast :		
1960-64 Monthly average	10.21	9.83	9.75	9.47	9.49	12.30
1963 Monthly average	11.94	11.45	11.30	10.90	10.71	13.58
1964 Monthly average	10.68	9.90	9.82	9.58	9.85	12.81 ^{5/}
<u>1964</u>						
March	11.85	10.76	10.56	10.22	10.63	14.04
April	11.30	10.44	10.27	10.10	10.44	13.50
May	10.78	9.95	9.88	9.68	9.97	13.22
June	10.01	9.35	9.35	9.09	9.33	12.76
July	9.95	9.15	9.17	9.05	9.30	12.22
August	9.95	8.95	9.00	8.91	9.16	12.06
September	9.67	8.95	8.90	8.80	9.05	11.92
October	9.60	8.95	8.90	8.80	9.05	11.78
November	9.60	8.95	8.90	8.80	9.05	11.72
December	9.83	9.17	9.12	8.80	9.05	11.64
<u>1965</u>						
January	10.20	9.55	9.55	9.35	9.35	11.70
February	10.25	9.60	9.55	9.35	9.45	
Last 12-month average	10.25	9.48	9.43	9.25	9.49	

1/ Spot prices during 1960 were for sugar in bags under Contract No. 6 plus .50 cent per pound duty (Cuban). Beginning with 1961, spot prices are for bulk sugar under Contract No. 7, the terms of which are duty paid or duty free.

2/ Spot prices during 1960 based on No. 4 Contract which was for bagged sugar f.a.s. Cuba. Beginning with 1961 spot prices are those under No. 8 Contract which is also for bagged sugar but f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ For 1960 these amounts are the difference between the spot prices of the No. 6 "Domestic" Contract rolled back to Cuba (minus freight and insurance) and the spot prices of the No. 4 "World" Contract. Beginning with 1961 the No. 7 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .055¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 81, January 1959, pages 5 to 9.

5/ New series beginning January 1964 which may not be strictly comparable with data for earlier periods. For old series through June 1964 see Sugar Reports 148, September 1964.

Table 26. Wholesale prices of sugar, corn sirup and dextrose

Period	: Refined	: Dextrose	: Corn sirup	: Dextrose	: Corn sirup				
	: sugar	: New York ^{2/}	: New York ^{3/}	: relative to	: relative to				
	: wholesale			: refined sugar	: refined sugar				
	: North- : east ^{1/}	: Quoted	: Dry ^{4/} : basis	: Quoted	: Dry ^{4/} : basis	: Quoted	: Dry	: Quoted	: Dry
		Cents per pound				Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
Average									
1953-55	8.66	7.29	7.92	7.31	9.10	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
Average									
1956-62	9.28	7.49	8.14	7.25	9.03	81	88	78	97
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.95	9.73	7.52	9.37	84	91	70	88
<u>1964</u>									
March	11.85	8.95	9.73	7.48	9.32	76	82	63	79
April	11.30	8.95	9.73	7.48	9.32	79	86	66	82
May	10.78	8.95	9.73	7.47	9.30	83	90	69	86
June	10.01	8.95	9.73	7.45	9.28	89	97	74	93
July	9.95	8.95	9.73	7.45	9.28	90	98	75	93
August	9.95	8.95	9.73	7.60	9.46	90	98	76 ^{5/}	95 ^{5/}
September	9.67	8.95	9.73	7.60	9.46	93 ^{5/}	101	79 ^{5/}	98 ^{5/}
October	9.60	8.95	9.73	7.60	9.46	93	101	79	99
November	9.60	8.95	9.73	7.60	9.46	93	101	79	99
December	9.83	8.95	9.73	7.60	9.46	91	99	77	96
<u>1965</u>									
January	10.20	8.95	9.73	7.60	9.46	88	95	75	93
February	10.25	8.95	9.73	7.60	9.46	87	95	74	92
Last 12-month average through Feb.	10.25	8.95	9.73	7.54	9.39	87	95	74	92

^{1/} Gross basis price in 100 pound bags subject to a 2 percent cash discount.

^{2/} Hydrate, in 100 pound bags.

^{3/} In drums, price in carload lots, except beginning February 1962 for less than carload lots. Quoted as 42 percent unmixed, except beginning March 1956, quoted as 43 percent unmixed.

^{4/} Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus, dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

^{5/} Revised.

Table 27.- Refined sugar production and month-end stocks and distribution of corn sweeteners by primary distributors for consumption in the continental United States

Year and month	: Production :		: Month-end stocks ^{1/} :		: Distribution ^{2/} :		
	: Cane : :		: Cane : :		: Corn : :		
	: sugar : Beet :		: sugar : Beet :		: sirup : Dextrose :		
	: refiners :	: processors :	: refiners :	: processors :	: :	: :	: Total sirup and dextrose
1,000 short tons, raw value							
1960-64 monthly average	561	222	294	924	88	37	125
1963 monthly average	573	218	278	874	94	41	135
1964 monthly average	548	281	321	1,038	104	42	146
<u>1964</u>							
March	476	122	352	1,330	100	45	145
April	554	113	376	1,255	99	43	142
May	550	66	383	1,116	100	43	143
June	607	45	367	890	105	45	150
July	604	79	339	659	108	39	147
August	599	120	303	455	129	42	171
September	593	157	259	301	134	41	175
October	597	665	272	748	116	42	158
November	525	660	272	1,228	101	35	136
December	586	651	230	1,696	89	37	126
<u>1965</u>							
January	487	422	220	1,876	84	37	121
February	412	111	241	1,776			
Last 12-month average	549	268	301	1,111			

^{1/} Includes over-quota and quota exempt.

^{2/} Shipments by corn refiners' (members of the Corn Industries Research Foundation, Inc.) converted to a short ton, raw value, basis in PPA, ASCS, USDA.

^{3/} Preliminary

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